L68 ANSWER 34 OF 34 IPA COPYRIGHT 2003 ASHP

ACCESSION NUMBER: 77:3110 IPA DOCUMENT NUMBER: 15-00708

TITLE: In vitro bioavailability of various drugs formulated as

hard gelatin capsules

AUTHOR: Newton, J. M.; Razzo, F. N.

CORPORATE SOURCE: Pharmacy Dept., The University, Nottingham NG7 2RD,

England

SOURCE: Journal of Pharmacy and Pharmacology (England), (Apr 1977)

Vol. 29, pp. 205-208. 2 Refs. CODEN: JPPMAB; ISSN: 0373-1022.

DOCUMENT TYPE: Journal LANGUAGE: English

AB A factorially designed experiment was carried out to study the influence of diluents like lactose, Primojel (sodium starch glycolate), starch, sodium lauryl sulfate (I) and magnesium stearate (II), on the in vitro dissolution rates of imipramine, nitrofurantoin, nitrofurazone, oxytetracycline, phenylbutazone and tetracycline hydrochloride hard gelatin capsules.

Analysis of variance confirmed that, although the main factors of diluent type, diluent concentration and the absence. . .

=> d his

(FILE 'HOME' ENTERED AT 17:33:19 ON 27 MAR 2003)

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FILE 'REGISTRY' ENTERED AT 17:33:28 ON 27 MAR 2003
              1 S CLINDAMYCIN HYDROCHLORIDE/CN
L1
              1 S CLONIDINE HYDROCHLORIDE/CN
L2
L3
             1 S DIPHENHYDRAMINE HYDROCHLORIDE/CN
             1 S FLUPHENAZINE HYDROCHLORIDE/CN
L4
L5
             0 S HYDROMORPONE HYDROCHLORIDE/CN
             1 S HYDROMORPHONE HYDROCHLORIDE/CN
L6
L7
             1 S NALOXONE HYDROCHLORIDE/CN
L8
            1 S OXYTETRACYCLINE HYDROCHLORIDE/CN
L9
            1 S PHENYLEPHRINE HYDROCHLORIDE/CN
L10
            1 S PHENIRAMINE MALEATE/CN
L11
             1 S TETRACYCLINE HYDROCHLORIDE/CN
L12
             1 S VERAPAMIL HYDROCHLORIDE/CN
L13
             1 S AMPICILLIN SODIUM/CN
     FILE 'CAPLUS, USPATFULL, IPA' ENTERED AT 17:36:17 ON 27 MAR 2003
L14
        690111 S L1 OR (CLINDAYMCIN HYDROCHLORIDE OR HCL)
         820332 S HYDROCHLORIDE OR HCL
L15
L16
           222 S L1 OR (CLINDAYMCIN (2W)L15)
           222 S L1
L17
L18
          1651 S L2 OR (CLONIDINE (5W) L15)
L19
          2440 S L3 OR (DIPHENHYDRAMINE (5W) L15)
           525 S L4 OR (FLUPHENAZINE (5W) L15)
L20
L21
           430 S L6 OR (HYDROMORPHONE (5W) L15)
L22
          1385 S L7 OR (NALOXONE (5W) L15)
          1234 S L8 OR (OXYTETRACYCLINE (5W) L15)
L23
L24
         1736 S L9 OR (PHENYLEPHRINE (5W) L15)
          255 S L10 OR (PHENIRAMINE MALEATE)
L25
          3130 S L11 OR (TETRACYCLINE (5W) L15)
L26
         1388 S L12 OR (VERAPAMIL (5W) L15)
L27
          943 S L13 OR (AMPICILLIN (5W) L15)
L28
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FILE 'REGISTRY' ENTERED AT 17:41:39 ON 27 MAR 2003
L29
              O S MICROCRYSTALLINE CELLULOSE/CN
L30
              O S HYDROXYPROPYL METHYLCELLULOSE/CN
L31
              1 S HYDROXYPROPYL METHYL CELLULOSE/CN
L32
             1 S PVP/CN
L33
             1 S HYDROXYMETHYLCELLULOSE/CN
            1 S CARBOPOL/CN
L34
L35
              0 S CARBOXYMETHYLCELLULOSE/CN
L36
             0 S CARBOXY METHYLCELLULOSE/CN
L37
             0 S CARBOXY METHYL CELLULOSE/CN
L38
             0 S L-HYDROXYPROPYL CELLULOSE/CN
L39
             0 S HYDROXY PROPYL CELLULOSE/CN
L40
             1 S HYDROXYPROPYL CELLULOSE/CN
L41
             0 S CROSCARMELLOSE/CN
L42
             1 S CROSCARMELLOSE SODIUM/CN
L43
              1 S SODIUM STARCH GLYCOLATE/CN
     FILE 'CAPLUS, USPATFULL, IPA' ENTERED AT 17:45:41 ON 27 MAR 2003
         327620 S L31 OR L32 OR L33 OR L34 OR BINDER OR PVP
L44
          22982 S L40 OR L42 OR L43 OR CROSCARMELLOSE OR (STARCH GLYCOLATE)
L45
OR
L46
              4 S L14 (10W) L44 (10W) L45
           1404 S L44 (10W) L45
L47
         822643 S L14 OR L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22
L48
0
            710 S L47 AND L48
L49
L50
              9 S L48 (10W) L47
L51
              8 DUPLICATE REMOVE L50 (1 DUPLICATE REMOVED)
         15623 S L 14 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR
L52
L23
        696648 S L14 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23
L53
0
L54
         13524 S L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24
0
L55
             35 S L54 AND L47
L56
             32 S L55 NOT L50
L57
             32 DUPLICATE REMOVE L56 (0 DUPLICATES REMOVED)
     FILE 'STNGUIDE' ENTERED AT 17:54:34 ON 27 MAR 2003
L58
             0 S L40 OR L42 OR L43 OR CROSCARMELLOSE OR (STARCH GLYCOLATE)
OR
     FILE 'USPATFULL, CAPLUS, IPA' ENTERED AT 17:58:01 ON 27 MAR 2003
L59
          15305 S L58
L60
             17 S L59 AND L57
L61
             2 S L58 (10W) L54
L62
             2 S L59 (10W) L54
L63
            16 S L44 (10W) L54
L64
        335415 S L59 OR L44
L65
            36 S L64 (30W) L54
L66
          1171 S L64 AND L54
L67
            34 S L65 NOT L55
L68
             34 S L67 NOT L57
=> s 166 and tablet#
          742 L66 AND TABLET#
=> s 154 (10w) tablet#
          420 L54 (10W) TABLET#
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=> s 170 and 169 L71 105 L70 AND L69

=> duplicate remove 171
DUPLICATE PREFERENCE IS 'USPATFULL, CAPLUS, IPA'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L71
L72 95 DUPLICATE REMOVE L71 (10 DUPLICATES REMOVED)

=> d 1-95 ibib kwic